

**Ratings**

Voltage: 150 V  
 Temperature: -40~70 °C

**Conductor**

Conductor count: 4  
 Gauge: 30 AWG 0.05 mm<sup>2</sup>  
 Material: Tinned copper strands  
 Strand size:  $\phi$ 0.05x25  
 Resistance at 20 °C: 385  $\Omega$ /km max

**Insulator**

Material: HDPE  
 Color: yellow, white, black, red  
 Diameter:  $\phi$ 0.65  $\pm$ 0.10 mm  
 Nominal thickness: 0.18 mm  
 Resistance at 20 °C: 100 M $\Omega$ /km min

**Wrap**

Material: cotton paper

**Filler**

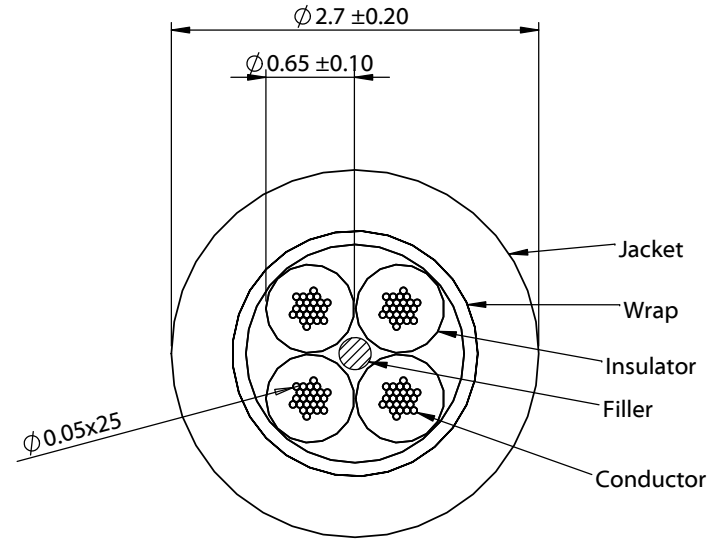
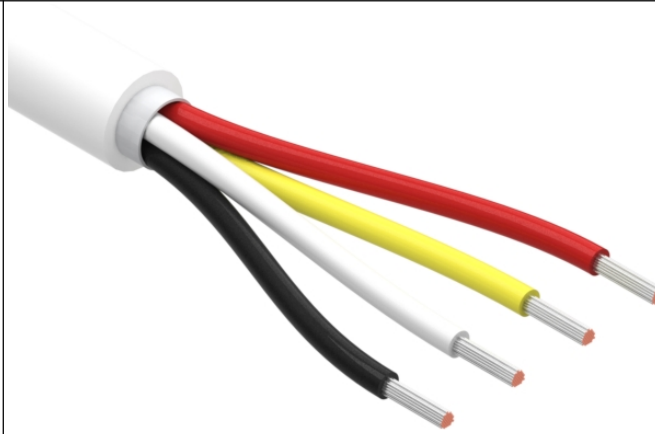
Material: aramid fiber



**Outer jacket**

Material: TPU  
 Color: white  
 Diameter:  $\phi$ 2.7  $\pm$ 0.20 mm  
 Nominal thickness: 0.50 mm

**Tests**

Tensile strength: 15 kgf min  
 Dielectric test: 1500 V dc for 1 minute without breakdown  
 Bend test at 200 g,  $\pm$ 60 °, 30 cycles /min: 15,000 cycle minimum



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Jacket meets ISO 10993 Biological Compatibility Phthalate and halogen free Function test: no open, no short, no intermittent	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118          fax 1.541.323.4202 web tensility.com</p>
A	9/9/2022	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	Description:	Size: Part number:
				Wire, 4C TS, 30 AWG, 150V, 70C, 2.7 mm, TPU, 75A, white, WBL	A 30-02796
				Scale: 18:1	 

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